Signature

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorn	ey Docket No.	51876P230		
First I	nventor or Appli	cation Identifier	Yeon-Soo Kim	
Title apparatus and method for detecting signals of space-time coding based on				
Express Mail Label No.			EL 63/1501360LIS	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents			Assistant Commissioner for Patents Box Patent Application Washington, DC 20231				
1. Fee Tran (Submit an 2. Applican See 37 (3. Specific (preferred a core - Backgr - Brief Sr Brief Sr Abstract 4. Drawing(st Abstract - Backgr - Brief Sr Abstract - Claim(st Abstract - Backgr - Brief Sr Abstract - Claim(st Abstract - Backgr - Brief Sr Abstract - Claim(st Abstract - Backgr - Brief Sr Abstract - Claim(st Abstract - Backgr - Brief Sr Abstract - Brief Sr Brief Sr Abstract - Brief Sr Abstract - Brief Sr Brief Sr Abstract - Brief Sr Br	nsmittal Form (e.g. PTO/SB/17) roriginal, and a duplicate for fee processing) nt claims small entity status. CFR 1.27. ation Total Pages arrangement set forth below) betwee title of the Invention References to Related Applications ent Regarding Fed sponsored R & D noce to sequence listing, a table, mputer program listing appendix ound of the Invention ummary of the Invention escription of the Drawings (if filed) d Description s) ct of the Disclosure s) (35 U.S.C.113) Total Sheets	GFR 1.63(d)) sted) S) deleting or application,33(b).	Computer R 8. Nucleotide and/or (if applicable, all r a. Compute b. Specificat i. ii. c. Statemer ACCOMPAN 9. Assignment R 10. 37 CFR 3.73((when there is an 11. English Trans 12. Information D Statement (ID 13. Preliminary A 14. Return Recei (Should be specif 15. Certified Cop (if foreign pric 16. Request and C Applicant mus 17. Other: pric sub	r CD-R in duplicar Program (Appendia Amino Acid Sequinecessary) er Readable Form (Control of Paper Interpretation Sequence Listing CD-ROM or CD-R Paper Interpretation (Cover shift) (Interpretation Document of Papers) (Interpretation Under the Papers) (Interpretation Und	te, large table or dix) uence Submission CFR) g on: It (2 copies); or If above copies ATION PARTS eet & document(s)) Power of Attorney (if applicable) Copies of IDS Citations EP 503) ument(s) er 35 USC 122(b)(2)(B)(i). O/SB/35 or its equivalent. formal drawings		
☐ Conti	inuation 🗌 Divisional 🔲 Co	ntinuation-in-p	part (CIP) of prior	application No:_			
Prior applic	ation Information: Examiner			Group/Art U			
For <u>CONTINUATION or DIVISIONAL APPS only:</u> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
	17. COI	RRESPOND	ENCE ADDRESS				
Customer Number of Bar Code Label *08791* Customer Number of Bar Code Label							
Name	BLAKELY, SOKOLOFF,	TAYLOR &	ZAFMAN LLP				
Address	12400 Wilshire Boulevard,	Seventh Floo	or _				
Address							
City	Los Angeles	State	California	Zip Code	90025		
Country		elephone	(310) 207-3800	Fax	(310) 820-5988		
Name (Print/Type) Thomas M. Coester, Reg. No. 39,637							

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Date

Please type a plus sign (+) inside this b

+ Approving the ethrough 10/31/2002. OMB 0651-0032

Patent and Trademark Trice: U.S. DEPARTMENT OF COMMERCE

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PTO/SB/17 (09-00) https://doi.org/10/31/2002. OMB 0651-0032 U.S. DEPARTMENT OF COMMERCE s it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Petent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

710.00

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Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Yeon-Soo Kim, et al.			
Examiner Name				
Group Art Unit				
Attorney Docket Number	51876P230			

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. A	DDIT	ONA	L FEI	E	
Deposit	Large	Entity		Entity		
Account 02-2666	Fee Code		Fee Code	Fee (\$)	Fee Description	Fee Paid
Number	105		205		Surcharge - late filing fee or oath	
Deposit Account Blakely, Sokoloff, Taylor & Zafman LLP			227		Surcharge - late provisional filing fee or	
Name Charge Any Additional Fee Required Under 37CFB 1.16 and 1.17					cover sheet.	
Under 37CFR 1.16 and 1.17	139		139		Non-English specification	
Applicant claims small entity status. See 37 CFR 1.27					For filing a request for ex parte reexamination	<u> </u>
2. A Payment Enclosed:	112	920	112	920	Requesting publication of SIR prior to Examiner action	
Check Money Other	113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
FEE CALCULATION	115	110	215	55	Extension for response within first month	
1. FILING FEE	116	390	216	195	Extension for response within second month	
Large Entity Small Entity	117		217		Extension for response within third month	
Fee Fee Fee Fee Description Fee Paid		1,390		695	Extension for response within fourth month	
Code (\$) Code (\$)		1,890			Extension for response within fifth month	
101 710 201 355 Utility filing fee \$710	119		219		Notice of Appeal	
106 320 206 160 Design filing fee	120		220		Filing a brief in support of an appeal	
107 490 207 245 Plant filing fee	121		221		Request for oral hearing	
108 710 208 355 Reissue filing fee	138 140	1,510	240	1,510	Petition to institute a public use proceeding Petition to revive - unavoidably	
114 150 214 75 Provisional filing fee		1,240		620	Petition to revive - unintentionally	
SUBTOTAL (1) (\$) 710.00		1,240			Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES For from	143	•	243		Design issue fee	
Extra Claims below Fee Paid	144		244		Plant issue fee	
Total Claims 9 -20** = 0 X \$18.00 = 0.00	122		122	130	Petitions to the Commissioner	
Independent 3 -3** = 0 X \$80.00 = 0.00	123	50	123	50	Petitions related to provisional applications	
Multiple Dependent =	126	180	126	180	Submission of Information Disclosure Stmt	
Large Entity Small Entity	581	40	581	40	Recording each patent assignment per property (times number of properties)	
Fee Fee Fee Fee Description Code (\$) Code (\$)	146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
103 18 203 9 Claims in excess of 20	149	710	249	355	For each additional invention to be	
102 80 202 40 Independent claims in excess of 3					examined (37 CFR 1.129(b))	
104 270 204 135 Multiple Dependent daim	179	710	279	355	Request for Continued Examination (RCE)	
109 80 209 40 **Reissue independent claims over original patent	169	900	169	900	Request for expedited examination of a design application	
110 18 210 9 **Reissue claims in excess of 20 and over original patent	Othe	r fee (s	pecify	/)		
SUBTOTAL (2) (\$) 0.00	* Reduce	nd hv Rae	ic Filina	Fee Paid	SUBTOTAL (3) (\$)	
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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Thomas M. Coester, Reg. No. 39,637			Reg. Number	
Signature	Thomas Coestes	Date	12/28/00	Deposit Account User ID	02-2666

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re th	he App	licatio	n of:
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YEON-SOO KIM, ET AL.

Art Group:

Application No.:

Examiner:

Filed:

For:

apparatus and method for detecting signals of space-time coding based on transmission diversity - UTILITY

Assistant Commissioner for Patents Washington, D.C. 20231

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 4 sheets including 6 Figures. Applicant hereby authorizes any additional extension or petition fees under 37 C.F.R. §1.17 or credit for any overpayment to our Deposit Account No. 02-2666. A copy of the Fee Transmittal sheet is enclosed.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Dated

12/28/00

Thomas M. Coester, Reg. No. 39,637

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025 Telephone: (310) 207-3800

Atty. Docket No.: 51876.P230 Express Mail #: EL634501360US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the application of:)
Yeon-Soo Kim, Young-Hee Shin and Joon-Ho Lee)
APPARATUS AND METHOD FOR DETECTING SIGNALS OF SPACE-TIME CODING BASED ON TRANSMISSION DIVERSITY) _)

REQUEST FOR PRIORITY

Hon. Commissioner of Patents and Trademarks Washington, D.C. 20231

Dear Sir:

Applicant respectfully requests a convention priority for the above-captioned application, namely Korean Patent Application No. 2000-72277 filed December 1, 2000.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Dated: 12/28/60

By:

Thomas M. Coester Reg. No. 39,637

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